

TABLE 3-3

Employed college graduates, by sex, major occupation, job satisfaction, and primary work activity: 2019

(Number)

Sex, occupation, and job satisfaction	Total	Primary work activity				
		Computer applications	Management and administration ^a	Research and development ^b	Teaching	Other ^c
All sexes	50,524,000	2,529,000	22,018,000	3,731,000	7,052,000	15,194,000
Very satisfied	22,664,000	1,113,000	9,721,000	1,689,000	3,282,000	6,861,000
Somewhat satisfied	22,697,000	1,192,000	9,918,000	1,655,000	3,263,000	6,670,000
Somewhat dissatisfied	3,910,000	188,000	1,799,000	343,000	379,000	1,201,000
Very dissatisfied	1,253,000	36,000	581,000	45,000	129,000	462,000
S&E occupations	7,466,000	1,995,000	1,653,000	1,688,000	427,000	1,703,000
Very satisfied	3,385,000	908,000	714,000	766,000	212,000	785,000
Somewhat satisfied	3,405,000	921,000	786,000	771,000	175,000	753,000
Somewhat dissatisfied	556,000	145,000	119,000	129,000	35,000	129,000
Very dissatisfied	119,000	22,000	34,000	22,000	5,000	37,000
Biological, agricultural, and other life scientists	698,000	9,000	104,000	408,000	70,000	108,000
Very satisfied	312,000	3,000	44,000	171,000	41,000	53,000
Somewhat satisfied	313,000	4,000	49,000	196,000	24,000	40,000
Somewhat dissatisfied	58,000	D	9,000	35,000	4,000	9,000
Very dissatisfied	16,000	D	S	6,000	*	7,000
Computer and mathematical scientists	3,774,000	1,856,000	775,000	469,000	116,000	558,000
Very satisfied	1,655,000	840,000	321,000	206,000	52,000	236,000
Somewhat satisfied	1,764,000	864,000	369,000	219,000	52,000	259,000
Somewhat dissatisfied	299,000	133,000	63,000	38,000	11,000	53,000
Very dissatisfied	57,000	19,000	21,000	6,000	S	10,000
Physical and related scientists	409,000	11,000	77,000	194,000	54,000	74,000
Very satisfied	180,000	5,000	32,000	89,000	19,000	34,000
Somewhat satisfied	188,000	5,000	38,000	83,000	29,000	34,000
Somewhat dissatisfied	32,000	D	5,000	18,000	5,000	4,000
Very dissatisfied	9,000	D	S	3,000	D	2,000
Social and related scientists	663,000	7,000	79,000	199,000	149,000	229,000
Very satisfied	353,000	5,000	44,000	91,000	85,000	128,000
Somewhat satisfied	263,000	1,000	32,000	97,000	50,000	82,000
Somewhat dissatisfied	41,000	D	3,000	10,000	12,000	15,000
Very dissatisfied	6,000	D	*	1,000	2,000	3,000
Engineers	1,921,000	112,000	618,000	418,000	38,000	735,000
Very satisfied	886,000	54,000	272,000	209,000	15,000	335,000
Somewhat satisfied	878,000	47,000	297,000	176,000	20,000	337,000
Somewhat dissatisfied	126,000	10,000	39,000	28,000	2,000	48,000
Very dissatisfied	32,000	2,000	9,000	6,000	D	15,000
S&E-related occupations	8,893,000	228,000	1,632,000	515,000	1,146,000	5,372,000
Very satisfied	4,254,000	85,000	793,000	234,000	513,000	2,629,000
Somewhat satisfied	3,815,000	112,000	702,000	219,000	551,000	2,232,000
Somewhat dissatisfied	649,000	21,000	116,000	48,000	57,000	407,000
Very dissatisfied	176,000	10,000	21,000	13,000	26,000	105,000
Non-S&E occupations	34,165,000	305,000	18,733,000	1,528,000	5,479,000	8,119,000
Very satisfied	15,025,000	119,000	8,214,000	689,000	2,556,000	3,447,000
Somewhat satisfied	15,476,000	159,000	8,431,000	664,000	2,537,000	3,686,000
Somewhat dissatisfied	2,705,000	23,000	1,563,000	166,000	288,000	665,000
Very dissatisfied	958,000	S	526,000	10,000	98,000	321,000
Female	26,341,000	578,000	11,144,000	1,592,000	5,121,000	7,905,000

TABLE 3-3

Employed college graduates, by sex, major occupation, job satisfaction, and primary work activity: 2019

(Number)

Sex, occupation, and job satisfaction	Total	Primary work activity				
		Computer applications	Management and administration ^a	Research and development ^b	Teaching	Other ^c
Very satisfied	11,532,000	243,000	4,753,000	682,000	2,362,000	3,492,000
Somewhat satisfied	12,152,000	281,000	5,133,000	764,000	2,417,000	3,556,000
Somewhat dissatisfied	1,948,000	46,000	944,000	123,000	235,000	600,000
Very dissatisfied	709,000	9,000	314,000	23,000	107,000	256,000
S&E occupations	2,193,000	391,000	503,000	577,000	213,000	509,000
Very satisfied	966,000	170,000	198,000	258,000	109,000	231,000
Somewhat satisfied	1,021,000	183,000	260,000	270,000	82,000	225,000
Somewhat dissatisfied	167,000	31,000	36,000	38,000	20,000	41,000
Very dissatisfied	38,000	7,000	8,000	10,000	2,000	11,000
Biological, agricultural, and other life scientists	337,000	2,000	55,000	188,000	40,000	53,000
Very satisfied	160,000	S	23,000	81,000	27,000	27,000
Somewhat satisfied	145,000	S	25,000	89,000	9,000	21,000
Somewhat dissatisfied	25,000	D	6,000	13,000	4,000	3,000
Very dissatisfied	7,000	D	*	4,000	D	S
Computer and mathematical scientists	975,000	372,000	258,000	136,000	53,000	156,000
Very satisfied	392,000	159,000	88,000	58,000	28,000	60,000
Somewhat satisfied	483,000	178,000	144,000	67,000	18,000	76,000
Somewhat dissatisfied	84,000	28,000	21,000	11,000	7,000	17,000
Very dissatisfied	16,000	6,000	5,000	S	D	S
Physical and related scientists	142,000	S	30,000	59,000	24,000	28,000
Very satisfied	57,000	D	12,000	28,000	5,000	10,000
Somewhat satisfied	70,000	S	14,000	24,000	S	15,000
Somewhat dissatisfied	11,000	D	3,000	5,000	2,000	2,000
Very dissatisfied	4,000	D	*	S	D	D
Social and related scientists	428,000	2,000	50,000	116,000	88,000	171,000
Very satisfied	214,000	S	23,000	50,000	46,000	95,000
Somewhat satisfied	179,000	1,000	25,000	60,000	33,000	60,000
Somewhat dissatisfied	31,000	D	3,000	6,000	8,000	14,000
Very dissatisfied	5,000	D	*	*	2,000	S
Engineers	310,000	14,000	110,000	78,000	8,000	100,000
Very satisfied	144,000	8,000	52,000	41,000	S	40,000
Somewhat satisfied	143,000	3,000	52,000	31,000	4,000	53,000
Somewhat dissatisfied	16,000	S	4,000	3,000	*	6,000
Very dissatisfied	6,000	D	2,000	D	D	S
S&E-related occupations	5,109,000	58,000	739,000	258,000	717,000	3,337,000
Very satisfied	2,435,000	27,000	370,000	112,000	332,000	1,595,000
Somewhat satisfied	2,224,000	25,000	307,000	125,000	331,000	1,437,000
Somewhat dissatisfied	335,000	5,000	51,000	13,000	33,000	233,000
Very dissatisfied	114,000	D	12,000	8,000	21,000	73,000
Non-S&E occupations	19,040,000	130,000	9,902,000	758,000	4,191,000	4,059,000
Very satisfied	8,130,000	45,000	4,185,000	312,000	1,921,000	1,666,000
Somewhat satisfied	8,907,000	73,000	4,566,000	369,000	2,005,000	1,894,000
Somewhat dissatisfied	1,446,000	S	857,000	71,000	182,000	325,000
Very dissatisfied	557,000	D	293,000	6,000	84,000	173,000
Male	24,183,000	1,950,000	10,874,000	2,139,000	1,931,000	7,289,000
Very satisfied	11,132,000	870,000	4,967,000	1,007,000	920,000	3,368,000

TABLE 3-3

Employed college graduates, by sex, major occupation, job satisfaction, and primary work activity: 2019

(Number)

Sex, occupation, and job satisfaction	Total	Primary work activity				
		Computer applications	Management and administration ^a	Research and development ^b	Teaching	Other ^c
Somewhat satisfied	10,545,000	911,000	4,784,000	890,000	846,000	3,114,000
Somewhat dissatisfied	1,962,000	142,000	855,000	220,000	144,000	601,000
Very dissatisfied	544,000	28,000	268,000	21,000	22,000	206,000
S&E occupations	5,274,000	1,605,000	1,150,000	1,111,000	214,000	1,195,000
Very satisfied	2,419,000	738,000	516,000	508,000	103,000	554,000
Somewhat satisfied	2,384,000	738,000	525,000	501,000	93,000	527,000
Somewhat dissatisfied	389,000	114,000	83,000	91,000	14,000	88,000
Very dissatisfied	81,000	15,000	26,000	12,000	3,000	26,000
Biological, agricultural, and other life scientists	361,000	7,000	49,000	221,000	29,000	55,000
Very satisfied	153,000	S	21,000	90,000	14,000	26,000
Somewhat satisfied	167,000	3,000	24,000	107,000	15,000	19,000
Somewhat dissatisfied	32,000	D	3,000	22,000	D	6,000
Very dissatisfied	8,000	D	S	2,000	D	D
Computer and mathematical scientists	2,799,000	1,485,000	517,000	333,000	63,000	402,000
Very satisfied	1,263,000	681,000	233,000	149,000	24,000	176,000
Somewhat satisfied	1,280,000	686,000	225,000	153,000	34,000	183,000
Somewhat dissatisfied	215,000	105,000	43,000	27,000	4,000	36,000
Very dissatisfied	41,000	13,000	16,000	5,000	D	7,000
Physical and related scientists	267,000	9,000	47,000	134,000	30,000	46,000
Very satisfied	123,000	4,000	20,000	61,000	14,000	23,000
Somewhat satisfied	118,000	4,000	23,000	59,000	12,000	19,000
Somewhat dissatisfied	21,000	D	S	13,000	3,000	3,000
Very dissatisfied	5,000	D	S	*	D	S
Social and related scientists	235,000	5,000	29,000	83,000	61,000	57,000
Very satisfied	139,000	4,000	21,000	41,000	39,000	33,000
Somewhat satisfied	84,000	S	8,000	37,000	17,000	22,000
Somewhat dissatisfied	11,000	D	*	5,000	5,000	1,000
Very dissatisfied	S	D	D	D	D	D
Engineers	1,612,000	99,000	508,000	340,000	30,000	635,000
Very satisfied	742,000	46,000	220,000	167,000	12,000	295,000
Somewhat satisfied	734,000	44,000	245,000	145,000	16,000	284,000
Somewhat dissatisfied	110,000	7,000	35,000	24,000	S	42,000
Very dissatisfied	25,000	S	7,000	4,000	D	13,000
S&E-related occupations	3,785,000	171,000	893,000	257,000	429,000	2,035,000
Very satisfied	1,818,000	58,000	423,000	122,000	181,000	1,034,000
Somewhat satisfied	1,591,000	87,000	395,000	94,000	220,000	795,000
Somewhat dissatisfied	314,000	16,000	66,000	S	24,000	174,000
Very dissatisfied	62,000	S	10,000	6,000	5,000	32,000
Non-S&E occupations	15,125,000	175,000	8,831,000	771,000	1,288,000	4,060,000
Very satisfied	6,895,000	74,000	4,028,000	376,000	636,000	1,781,000
Somewhat satisfied	6,570,000	86,000	3,864,000	296,000	532,000	1,791,000
Somewhat dissatisfied	1,259,000	12,000	706,000	94,000	106,000	340,000
Very dissatisfied	401,000	S	233,000	4,000	14,000	147,000

* = suppressed when population estimate < 500. D = suppressed to avoid disclosure of confidential information. S = suppressed for reliability; coefficient of variation exceeds publication standards.

S&E = science and engineering.

^a Management and administration includes respondents who reported the following work activities: accounting, finance, or contracts; human resources; quality or productivity management; sales and marketing; or managing and supervising.

^b Research and development includes basic research, applied research, and development. "Design" is no longer included in the definition of "research and development"; it is now included as part of "Other work activities."

^c Other work activities includes the design of equipment, processes, structures, and models; production, operations, and maintenance; professional services; and other activities not broken out separately.

Note(s):

Numbers are rounded to the nearest 1,000. Detail may not add to total because of rounding.

Source(s):

National Center for Science and Engineering Statistics, National Survey of College Graduates: 2019.